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*Technical Data*  
*P-101B*

**RESEARCH ORDER #4**  
**MODEL B, PHASE III - PROGRESS REPORT #1**

**7 DECEMBER 1955**

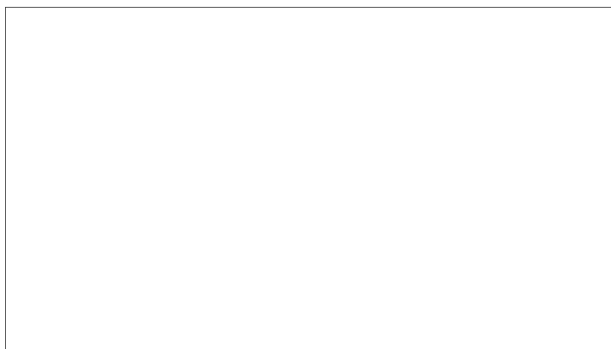
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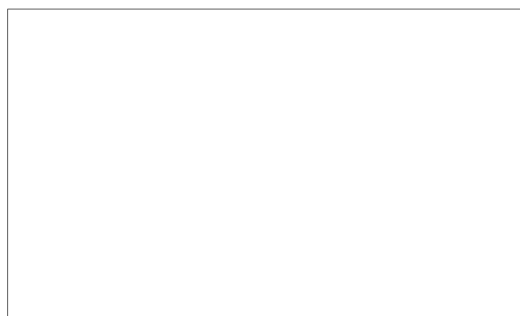
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**RESEARCH ORDER #4  
MODEL B, PHASE III - PROGRESS REPORT #1**

**7 DECEMBER 1955**

**This report covers the period from 7 November 1955, the date on which work was initiated, to 30 November 1955.**

## OBJECTIVE:

**To put into final form the paperwork on Model B and to train field service personnel.**

## GENERAL DATA:

**Briefly, the work involved may be divided into four categories, all of which are concerned with the Infrared Communicator, Model B:**

- Item 1. Preparation of equipment specifications.**
- Item 2. Preparation of a set of manufacturing drawings in the form of brown line vellums.**
- Item 3. Production of final instruction manuals.**
- Item 4. Training of customer personnel in the servicing of the equipment.**

**Items 1, 2, and 3 are to run concurrently for a period of eight months.**

## DISCUSSION:

**During this initial period a very limited effort was devoted to Item 1. The general requirements for equipment specifications were studied and the standard form employed by the military services was adopted. However, references to general specifications are to be limited to specific parts thereof as much as possible. In this way it is planned to retain the desirable characteristics, yet eliminate the complicating features associated with the use of general specifications in their entirety.**

**Approximately .6 man month was devoted to completion of 12 assembly drawings. About .8 man month was devoted to the correction and completion of the existing detail drawings. This includes the addition of finishing specifications where necessary and the making of new drawings to replace sketches. Approximately 8% of the estimated work to be done on Item 2 is now completed.**

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A tentative four section outline has been prepared for the instruction manual (item 3) and the first section, which is devoted to descriptive material, is about 40% complete.

No arrangements have been made as yet in regard to scheduling of item 4 since this item is subject to further discussion with the customer.

**PROGRAM FOR NEXT INTERVAL:**

Work is expected to continue according to the schedule originally proposed. Work will be concentrated on the assembly drawings and process sheets of the viewer during this period since a personnel loss is anticipated (personnel who originally worked on the design of the viewer).

**Report prepared by:**

**Report approved by:**

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